

B.Sc. Semester-II Examination, 2022-23

GEOGRAPHY [Honours]

Course ID : 21922 Course Code : SH/GEO/202/C-4P

Course Title : Cartograms and Mapping Techniques
(Practical)

[NEW SYLLABUS]

SET-I

Time : 3 Hours

Full Marks : 40

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all the questions.

1. Draw an Ombrothermic diagram showing the relationship between temperature and rainfall of Ajmeer. Interpret it. 8+2=10

Months	Average temperature (°C)	Rainfall (mm)
January	15.9	13.4
February	17.3	23.4
March	20.4	73.4
April	22.1	167.7
May	22.2	289.0
June	22.2	406.1
July	22.2	320.4

[Turn over]

August	22.3	320.6
September	22.5	305.2
October	21.4	183.7
November	19.1	43.2
December	16.6	15.3

2. Prepare a Choropleth map on the basis of the data given below (Plot it on the given West Bengal Map)

4+6=10

Sl.No.	Name of the Districts	Area (Sq.Kms)	Total Population
1	Murshidabad	5324	7102430
2	Nadia	3927	5168488
3	Birbhum	4545	3502387
4	Burdwan	7024	7723663
5	Purulia	6259	2927965
6	Bankura	6882	3596292
7	Purba Medinipur	4736	5094238
8	Paschim Medinipur	9345	5943300
9	Hooghly	3149	5520389
10	Howrah	1467	4841638
11	N. 24 Parganas	4094	10082852
12	S. 24 Parganas	9960	8153176

3. Prepare a Road Density map on the basis of the grid (2cm²) framework (10cms×12cms) marked on the given 1:50,000 Topographical Map, and interpret the result. 10
4. Laboratory Note Book and Viva Voce. 5+5=10